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Adetoye

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(54) **NETWORK ENABLED FIRE SENSOR AND EXTINGUISHING SYSTEM**(71) Applicant: **Olayinka Adetoye**, Laurel, MD (US)(72) Inventor: **Olayinka Adetoye**, Laurel, MD (US)

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(21) Appl. No.: **16/799,943**(22) Filed: **Feb. 25, 2020**(51) **Int. Cl.***G08B 1/00* (2006.01)*G08B 25/00* (2006.01)*A62C 3/02* (2006.01)*A62C 35/11* (2006.01)*A62C 35/02* (2006.01)(52) **U.S. Cl.**CPC *G08B 25/009* (2013.01); *A62C 3/0271*(2013.01); *A62C 3/0292* (2013.01); *A62C**35/026* (2013.01); *A62C 35/11* (2013.01);*G08B 25/003* (2013.01)(58) **Field of Classification Search**

CPC G08B 25/009; G08B 25/003; G08B 17/06;

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See application file for complete search history.

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(57) **ABSTRACT**

The network enabled fire sensor and fire extinguishing system is a fire-fighting apparatus comprising a plurality of extinguisher modules. The plurality of extinguisher modules forms a wireless communication link between: a) the plurality of extinguisher modules, and, b) with an appropriate authority. When triggered by fire, the individual extinguisher module: c) releases a fire extinguishing chemical; and, d) transmits an alert message to both the appropriate authority and to the individual extinguisher modules remaining in the plurality of extinguisher modules containing the GPS coordinates of the transmitting individual extinguisher module. Each selected individual extinguisher module compares the GPS coordinates of the selected individual extinguisher module to the GPS coordinates of the module alert message. If the span of the distance between the two coordinates is less than a previously determined span of distance, than the selected individual extinguisher module releases a fire retardant chemical.

16 Claims, 6 Drawing Sheets

